



1980

DICK SMITH Electronics

New Decade CATALOGUE

FREE WITH APRIL
10th EDITION 75¢
NO SUBSCRIPTION
REQUIRED



COMPUTERS

THE COMPUTER OF THE DECADE

The Dick Smith System 80

Yes, we agree, the Tandy TRS-80 HAS BEEN the best selling microcomputer in the world. This is a great TRS-80 design! It's now over 2 years old, and it's the microcomputer industry 2 years is a long time.

THE DICK SMITH SYSTEM 80 is fresh from the design laboratory and features the latest "STATE OF THE ART" in computer design.

In our opinion, the greatest disadvantage of the TRS-80 is the fact that it is not S-100 Bus compatible, meaning that the fantastic range of S-100 products (spreadsheet, dico controllers etc.) are not readily usable. This problem has now been solved with the DICK SMITH SYSTEM 80.

HUGE PRICE BREAKTHROUGH!



With Level II BASIC 12K; 16K RAM; Demonstration tape; Inbuilt TV modulator; 4K RAM.

\$695



MICROPOLIS QUAD DENSITY DISC DRIVES - Superb with your Sorcerer!

Tackle the Sorcerer's S-100 expansion capability, we can provide you with the best in quad density disc density, the state-of-the-art MICROPOLIS 1043/1023 Quad Density System. You can have from one to four drives in a single system. You can have up to 16 megabytes of storage at a price incredibly low cost.

With many powerful add-on business computers, you will forced to use the floppy drive system provided by the manufacturer. Ouch! often there is a first-generation design, which gives you very modest storage capacities and components which are too slow for today's needs. Because the Sorcerer's Expansion Unit can use the S-100 bus system, this limitation simply doesn't apply with Sorcerer. As a result, we have been able to sell for you the best possible floppy disc system, from the enormous range of systems made for the S-100 bus.

The Micropolis 1043/1023 system represents third generation, state-of-the-art technology. It is the result of the joint venture between the company which has done much to develop the 3.5mm (15/16") microfloppy disc as a reliable high-density storage medium and a worthy successor to the 5.25mm (8" fd) disc. At the heart of the 1043/1023 system is "quad density" technology developed by Micropolis. This patent pending technology allows the use of four standard 5.25" floppy discs located at the case 35 or 40 holes of each 10" sector. This means an incredible 315,000 bytes of storage on each disc - from FOUR TO SEVEN times the capacity available on other systems. And you can expand the system to a total of four drives, to give 1,280,000 bytes of storage in a mere 2.125 Megabytes.

Just imagine what you can do with the extra 10" disc of storage with the Micropolis yet pay approximately HALF that of most competitive systems. So with Micropolis you get not only the highest possible storage capacity, but outstanding value for money.

With the Micropolis system you can buy the model 1043/mod 2. The complete with built-in power supply and disc controller card, plus tape and System 80 \$1,000 worth of add-on software and all necessary utilities. Together with a comprehensive User Manual of more than 100 pages. You also get two discs, both of which contain the Micropolis Disc Operating System (M DOS), the very powerful Microsoft Version 4.0 Extended Disk BASIC, and a whole set of utility programs including an extensive disk editor, a file manager, a disk director, and many other utilities. To expand the system you can buy the 1043/mod 2 add-on drive. You can also buy three of these with the 1043/mod 2, the 1043 disc controller board will control up to four drives. And if you drives with 1.28 Megabytes still isn't enough, you can always upgrade to 1043 and some further 1023 drives.

So you can decide the optimum disc system for your application, with as many drives as you need.

SPECIFICATIONS:

Micropolis 1043/mod 2: Quad-Density Disc drives which exist 100 tracks per track, 17 tracks each of 15 sectors (half sector disc). Storage capacity 31.5 Kbytes of storage per 124mm disc. Give it a built-in 240W power supply. Comes complete with controller board which plugs into S-100 bus system, mainframe bus interface, a monitor and two system discs with DOS, Extended Disk BASIC, an assembler, editor, debugger and other utilities. 1043/mod 2 memory is 128Kbytes, add-on drives will expand to 1,280,000 bytes of storage. Add-on drives have 240W power supply.

Micropolis 1043/mod 2 Drive with controller

Cat. X-3205 \$1350.00

Micropolis 1023/mod 2 add-on Drive

Cat. X-320B \$750.00

★ Complete with Tandy compatible Level II BASIC - so all Tandy programs are fully usable.

★ The System 80 expansion unit is S-100 Bus compatible - now Tandy software with an S-100 Bus - at a huge saving.

★ Video Monitor NOT NECESSARY - the System 80 simply plugs into a standard TV set (Save up to an additional \$25!).

★ Built-in cassette deck plus provision for an additional unit. (Tandy only allows the use of one!)

BASIC SPECIFICATIONS S-100 EXPANSION UNIT AVAILABLE SOON
• 280 mips processor • Tehos two cassette players, one in built-in • RF output direct to TV set (video output as well) • 12K Tandy compatible BASIC • 18 lines of 64 characters or 32 characters • 128x48 graphics matrix • Disk Smith backup • Expansion with S-100 system.

MICROPOLIS QUAD DENSITY DISC DRIVE



FAN FORM PAPER

Stacked (as fan page) with perforations for cut w/ all tractor feed printers. Ideal for use with the Model 5300 C.I.TOK printer. Size 24cm x 28cm.

Cat. X-1189 Net (10 reams) 2,000 sheets \$35.00

DISKETTES

133mm HARD SECTOR BLANK DISKETTE

This superior diskette is made in the United States of America by a leading manufacturer for the Micropolis disc system.

Cat. X-3505 10 Net (100 each) \$5.95 each.

10 cp \$5.00 each.

133mm SOFT SECTOR BLANK DISKETTE

Mode for the Shugart type drive systems

Cat. X-3510 10 Net (100 each) \$5.95 each.

10 cp \$5.00 each.

\$970.00

LIGHT PEN

IDEAL FOR USE WITH TANDY TRS-80 OR THE DICK SMITH SYSTEM 80



TRS-80 LEVEL II ONLY



You should pay a fortune for a light pen but Dick has made a special purchase of light pens direct from the USA. Now you can draw on your computer monitor. Simple to use... great for add-ons above all it's educational.

• Uses your existing monitor as a light pen • Comes complete with instructions • Includes two applications programs: Tic-Tac-Toe and Simon's display routine • Give you a Tandy TRS-80 or Dick Smith System 80 as "eyes" • Only a fraction of the cost of a light pen. • Uses 9V oscillator battery Cat. S-3006 @ 45¢ (not capped).

Cat. X-3845 \$29.50

COMPUTERS

DICK SMITH'S MINI DISC DRIVE FOR TRS-80 AND SYSTEM 80 OWNERS

This compact microdisc drive provides 128% the storage capacity of the Tridy disc drive yet costs less! Check it out now!

- 123.4mm minifloppy diskette
- 50 tracks instead of 35 - 14% more storage per side.
- Soft start
- Disc rotation for reading on both sides - double the storage capacity
- Recording density (inside track) 2700BPI
- 100K bytes per side

- Drive number is switch selectable
- Use as first drive or add-on drive with TRS-80 or System 80
- Power supply will run two drives
- Cable harness will run four drives
- 90 day warranty and Dick Smith Service back-up

\$379



**NEW
FOR THE
'80s**

Cat. X-3230

Number of Drives:	1ST DRIVE	2ND DRIVE	3RD DRIVE	4TH DRIVE
Mini Disc Drive	\$379.00	\$379.00	\$379.00	\$379.00
Total cost of Cat. X-3230	\$379.00	\$379.00	\$379.00	\$379.00
Power Supply Us	\$89.00	N/A	\$89.00	N/A
Writing Harness	\$49.00	N/A	N/A	N/A
DOSS Disk	\$14.95	N/A	N/A	N/A
Total cost of Dick Smith Drive	\$380.45	\$379.00	\$439.00	\$379.00

So if you buy a 4 drive system from Dick Smith you save a total of \$1,000+ plus you get more than DOUBLE the capacity than Tridy offers! (This savings is based on the Tridy Tridy price in January 1980.)

POWER SUPPLY

Especially suited to the Dick Smith Micro Disc Drive. The unit has dual voltage (+5V & +12V) and will power up to four drives.

Cat. X-3234	\$60.00
DISC DRIVE CONNECTOR	
34 way de-solderable connector for disc drives to your System 80 or TRS-80 expansion interface.	

Cat. X-3232 \$49.50

"DOS PATCH"

Extends Tridy TRSDOS to take advantage of the 40 tracks on this disc drive. Also includes TRSDOS in other ways as well.

Cat. X-3250 \$19.50

GAMES THAT SORCERERS PLAY!

MAGIC MAZE

A challenging maze game. Get levels of play. Holding your lantern you wade through a maze trying to stay on the right path and avoid pitfalls. Automatic scoring tells you how good a pathfinder you are.

Cat. X-3620 ... Not Illustrated. **\$14.95**

PLOT

Plot includes both a super high resolution mode and a color mode. Both are assemblable from your BASIC programs and simple to use. This is the way to get good graphics on your System 80.

Cat. X-3621 ... Not Illustrated. **\$17.95**

Z-80 DISASSEMBLER

Decode machine language programs. Including Sorcerer's monitor, Z-80 ROM cartridge, Z-80 Disassembler, writer, Z-80 Diskette, monitor, and machine code editor. Z-80 memory is stored in formal. Or use the ASCII mode which converts machine code to ASCII.

Cat. X-3622 ... Not Illustrated. **\$17.95**

SHAPE MAKER

Construct special characters and fancy shapes with ease using on-screen character editor. Detailed 12-page instruction booklet includes sample applications.

Cat. X-3623 \$17.95

GRAPHIC GAMES

The most fantastic game—the ultimate game is to lead off the moon with a LEM, with child and payload to be done. Also includes pig lab, nuclear reactor, bocce, checkers and dogdom.

Cat. X-3631 ... Not Illustrated. **\$14.95**

SMART ALEC

You get the opportunity to answer over 200 questions in seven different subjects. If you are successful the computer will certify you a genius.

Cat. X-3632 ... Not Illustrated. **\$14.95**

VOODOO CASTLE

Cocot Cocio has had his hands pressed on him by his enemies. You like him, with you like only hope.

Will King Kong rescue him or is he forever doomed? Beware the Voodoo Maze...

Cat. X-3635 ... Not Illustrated. **\$19.50**

MISSION IMPOSSIBLE

Good morning, your mission is to... and so it starts. Will you be able to complete your mission in time? Or is this the world's first estimated death race? This one's well comeled, it's hard, there is no magic but plenty of suspense. Good luck.

YAHZTEE

A variation on the popular poker dice game. 13 rolls for best score. Keep your mind for hours.

Cat. X-3636 ... Not Illustrated. **\$19.50**

BLACKJACK

Play for high stakes, will you win or lose? The ever popular 21%, pinochle, blackjack.

Cat. X-3637 ... Not Illustrated. **\$19.50**

WUMPUS

Hunt the mythical Wumpus through 20 rooms with a bow and arrow!

Cat. X-3638 ... Not Illustrated. **\$19.50**

SOFTBALL FOR YOUR

TRS-80 OR SYSTEM 80

TIME TREK

For 4K Level I and II. You will need fast reflexes as well as sharp wits to play this crazy science fiction game. With Klingon's flying at you and you facing back it becomes lots of frantic game. Has nice levels of difficulty.

BLOCKADE

4K Level I and II. You and your opponent try and make the other collide with a wall. Very violence.

Cat. X-3639 ... Not Illustrated. **\$17.95**

BRIDGE CHALLENGER

Predict and improve your play—whether you're expert or novice. Level II 17K RAM.

Cat. X-3640 ... Not Illustrated. **\$17.95**

MICRO CHESS

One of the top selling games in the USA for the TRS-80. Think out your moves because the computer is out to beat you.

Cat. X-3641 ... Not Illustrated. **\$22.50**

"TINY" PASCAL

Cassette tape with "Tiny" Pascal for developing, debugging and running programs on your TRS-80. Provides powerful subset of standard Pascal statements including recursive procedures/functions, global and local variables, if-then-else-then, peek and poke, while, for, repeat, until, read, write, and complete TRS-80 graphics. Comes complete with comprehensive and easy to read manual.

Cat. X-3642 ... Not Illustrated. **\$17.95**

ELECTRIC PAINTBRUSH

4K Level I and II. Create dazzling real time graphics displays at speeds far beyond BASIC by writing programs containing simple graphics commands to move the cursor and draw lines. Commercial grade drawing, turn corners, change while it blocks, repeat procedure steps or call other programs.

Cat. X-3643 ... Not Illustrated. **\$17.95**

VIDEO BRAIN KEYBOARD

Limited Stocks

Scoop purchase of keyboards from a manufacturer who has gone broke! This is a full function keyboard with 37 keys on a silver plated double sided PCB. Connections are made via a double ended edge connector (0.1") and are conveniently accessed by cutting the PC board. Keys consist of all alphabet letters, 0-9 numerals, shift, %, *, etc. etc. ideal for computer keyboarders.

Cat. X-3644 ... Not Illustrated. **\$49.50**

50ME COMMON BAASIC PROGRAMS

Los Paula & Many Brothers - 183 pages

For the person with a computer using BASIC this is an excellent book, containing 76 programs. Includes BASIC, DOS, utilities, games, and much more.

- Basic programming • 10 step-by-step projects • Recipe cookbooks, etc. Ideal for the home computer—make your computer work for you.

INTRODUCTION TO PA5CAL

Welsh and Elder

"Highly recommended" says Jim Howe, Pascal is the "ideal" state of the art computer language—if you're a computer as fluent as this, you'll find it a pleasure to learn as you go along."

Cat. X-3645 ... Not Illustrated. **\$19.50**

BAASIC AND THE PERSONAL COMPUTER

Dwyer & Critchfield

This book does not require you to have a University degree in math or physics to understand the concepts on BASIC written in the copy of this advanced book.

On the contrary, it covers many areas, graphics, beginning and much more as well. A highly recommended book that educates as well as being a lot of fun.

Cat. X-3646 ... Not Illustrated. **\$17.95**

ONLY \$9.95

Cat. B-2345 ... \$9.95

Cat. B-2365 ... \$13.95

Cat. B-2366 ... \$14.95

Cat. X-1182 ... \$17.50

VIDEO BRAIN KEYBOARD

Limited Stocks

Scoop purchase of keyboards from a manufacturer who has gone broke! This is a full function keyboard with 37 keys on a silver plated double sided PCB. Connections are made via a double ended edge connector (0.1") and are conveniently accessed by cutting the PC board. Keys consist of all alphabet letters, 0-9 numerals, shift, %, *, etc. etc. ideal for computer keyboarders.

Cat. X-1183 ... Not Illustrated. **\$17.50**